

# LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

## Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

### BUFFALO GRAVEL & SUPPLY, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of  
sand & gravel in the state of Missouri. The extent of the

Proposed mining operation(s) will be on one acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Pike	05	53N	01W	1	0	1	Site #1/Bufalo Creek	0615

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 18th day of February 2004

  
DIRECTOR OF STAFF  
Land Reclamation Commission

Permit No. 0660  
Effective Date 02/18/2004  
Expiration Date 01/26/2005  
MO 780-1122 (6-95)

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JAN 16 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES**

MISSOURI LAND

P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <b>Buffalo Gravel &amp; Supply, Inc.</b>		RECLAMATION COMMISSION DATE <b>1/12/04</b>	
ADDRESS <b>P.O. Box 357</b>	CITY <b>Winfield</b>	STATE <b>MO</b>	ZIP CODE <b>63389</b>
CONTACT PERSON <b>John Carroll</b>		TELEPHONE NUMBER <b>636-566-6766</b>	

**FEES: COMPLETE SECTION I OR SECTION II****SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:****1. To compute the site fee complete the information below:**

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$

**2. Acreage Fee \$5 X** \_\_\_\_\_ **number of acres bonded** .....\$**3. Annual Permit Fee** .....\$ 500**4. Total Fee (Add totals from 1, 2 and 3)** .....\$**NOTE: If Total Fee exceeds \$2,500.00 then pay only** .....\$ 2,500**SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:****1. Annual Permit Fee** .....\$ 300

SIGNATURE OF APPLICANT 		TITLE <b>President</b>	DATE <b>1/12/04</b>
Appeared before me this <u>13th</u> day of <u>January</u> , 20 <u>04</u> , <u>John Carroll</u> to me personally known, who executed the above as their free acts and deeds.			
	STATE OF <b>Missouri</b>	COUNTY (OR CITY OF ST. LOUIS) <b>Lincoln</b>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <b>13th</b> DAY OF <b>January</b> YEAR <b>2004</b>		
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES <b>7/16/05</b>	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <b>Daniel J. Ballmann</b>		
FOR DEPARTMENT USE ONLY: APPROVED BY 		DATE APPROVED <b>2-9-04</b>	PERMIT NUMBER <b>660</b>
		EXPIRATION DATE <b>1-26-05</b>	



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**SITE INFORMATION FORM**

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To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER <b>Buffalo Creek Site No. 1</b>		PERMIT NUMBER <b>0660</b>
COMPANY NAME <b>Buffalo Gravel &amp; Supply, Inc.</b>		
COUNTY <b>Pike</b>	1/4 SECTION <b>NW</b>	SECTION <b>5</b>
TOWNSHIP <b>53N</b>	RANGE <b>1 W</b>	ACRES <b>2</b>
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) <b>Buffalo Creek</b>		
MINERAL COMMODITY <b>Sand and gravel</b>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) <b>less than 5000 tons per year</b>

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NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <b>John Carroll</b>		
ADDRESS <b>Rt. 1 Box 524Z</b>		
CITY <b>Winfield</b>	STATE <b>MO</b>	ZIP CODE <b>63389</b>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT <b>9/2/94</b>
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <b>John Carroll</b>		
ADDRESS <b>Rt. 1 Box 524Z</b>		
CITY <b>Winfield</b>	STATE <b>MO</b>	ZIP CODE <b>63389</b>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT <b>9/2/94</b>
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

**NOTE:** Each site must be shown on a map and be included in a public notice and an approved mine plan.



**STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3**

(Required for in-stream sites, or as required by the Director)

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TYPE OF PLAN  
(CHECK ONE):

- ☐ SHORT TERM, FOR ONE PERMIT YEAR  
☒ LONG TERM, FOR PERIOD THROUGH DATE:

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

The mine plan area involves a one mile stretch of Buffalo Creek North of State Road D (See Map A). This section of the creek is bordered by agricultural operations (crop-land and pasture). A narrow width of trees borders each side of the creek. The banks are steep, but well vegetated. Water quality in creek is good to excellent. Photos of the creek are enclosed.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE

Excavations within the stream will be managed such that water flow is not redirected toward the stream banks. Although we must cross the stream to access the gravel bar, we will always cross the creek at the same place. A twenty-five foot width of gravel will be left undisturbed along the stream edges.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE

Gravel removal will be restricted to the exposed portions of gravel (gravel bars). We will shave the tops of the gravel bars to a depth no deeper than the normal water level to avoid causing erosion of the channel on this site and upstream (headcutting).

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

Gravel removal will be restricted to periods of low flow. A twenty-five foot strip of gravel will be left undisturbed between the excavation and the streamside vegetation.

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By my signature, I attest to the following:

- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT ▶ <i>John Carroll</i>	TITLE Owner	DATE 27 <sup>th</sup> 10/27/94
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Appeared before me this 27<sup>th</sup> day of October, 1994,  
\_\_\_\_\_ to me personally known,  
who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>Missouri</u>	COUNTY (OR CITY OF ST. LOUIS) <u>Lincoln</u>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>27<sup>th</sup></u> DAY OF <u>October</u> , 19 <u>94</u>	
	NOTARY PUBLIC SIGNATURE <i>Lisa Gay Evans</i>	MY COMMISSION EXPIRES <u>8-10-98</u>
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>LISA GAY EVANS</u>	
USE RUBBER STAMP IN CLEAR AREA BELOW.		
<b>LISA GAY EVANS</b> Notary Public-Notary Seal STATE OF MISSOURI Lincoln County My Commission Expires: Aug. 10, 1998		

APPROVED BY (DIRECTOR'S REPRESENTATIVE) ▶ <i>Philip A. Behrman</i>	TITLE <u>Rec. Spec. IV</u>	DATE APPROVED <u>1/26/95</u>
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Attach the following documents to the Stream Protection Plan Form:

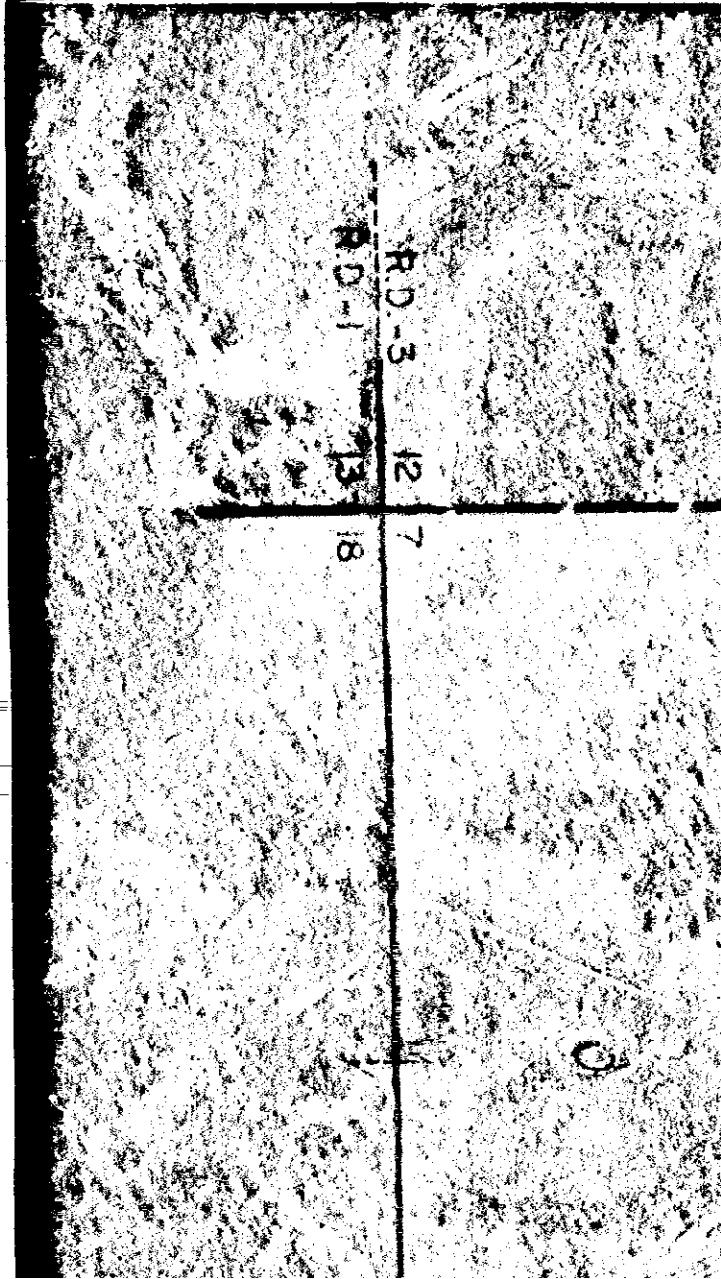
- A. Two copies of a map such that the mine can be located, and distinguished from other mines in the area.
- B. Two copies of a more detailed map, prepared on an original or clearly copied USGS 7-1/2 minute topographical map, county assessor map, A.S.C.S. aerial photo, up-to-date county plat, or a different base map with a scale of one inch to six hundred sixty feet (1" = 660') or larger.
  - 1. At minimum, the detailed map must show the following:
    - a. ownership boundaries, and names of owners of surface and subsurface rights to land within and contiguous to the permit area.
    - b. boundaries and acreage of each permitted site, and of the area to be affected over the term of the mine plan.
    - c. creeks or streams within the proposed permit area.
    - d. date of map preparation, preparer's name and title, north arrow, scale, and section, township and range lines.
  - 2. The following may be required for clarification:
    - a. abandoned surface mines.
    - b. locations of erosion and sediment control devices.
    - c. structures, and natural or cultural features to be protected.

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# PIKE COUNTY,

6-378-23-2



3	MG	8-23, 23.01
4	MS	8-13, 13.01, 13.02, 13.03

## OWNERSHIP MAP

### PIKE COUNTY, MISSOURI

PREPARED UNDER THE DIRECTION OF

### STATE TAX COMMISSION OF MISSOURI

AND

### PIKE COUNTY TAX ASSESSOR

PREPARED BY

HARLAND BARTHOLOMEW & ASSOCIATES, INC.

7745 CARONDELET, ST. LOUIS, MISSOURI 63105

REVISIONS

DATE	BY	CHANGES OR ADDITIONS
2-1-84		REVISED - FLEMING
8-85	JB	5-7.9, 16, 6-2, 201, 6, 8, 8-2
1-89	JB	5-7.5/4.9, 8-15, 15.01
11-01	MG	6-2, 2.02